AUTODOC CLUB

How to change rear strut mount on **VW Passat B5 Variant** – replacement guide

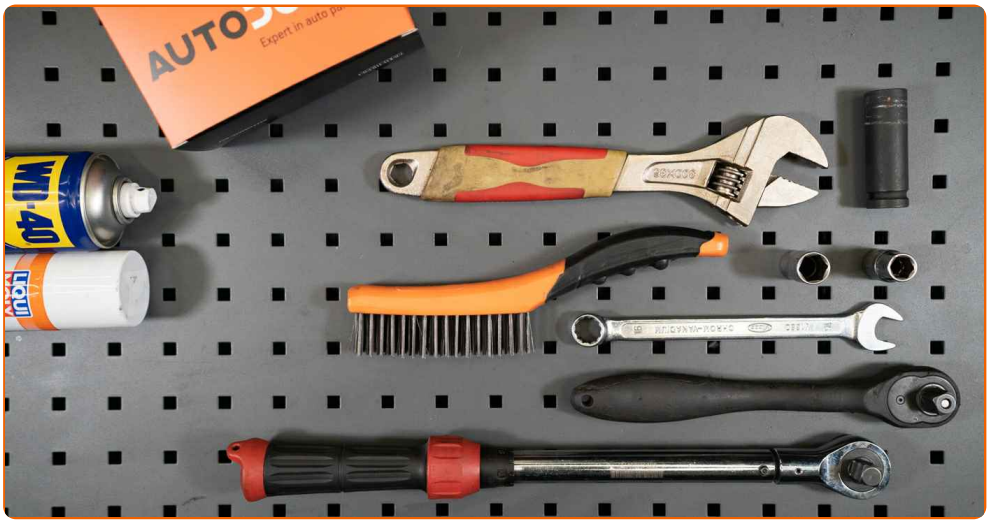
VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
VW PASSAT (3B3) 1.6, VW PASSAT (3B3) 1.9 TDI, VW PASSAT Variant (3B6) 1.9 TDI, VW PASSAT (3B3) 2.3 V5, VW PASSAT (3B3) 2.0, VW PASSAT Variant (3B6) 1.6, VW PASSAT Variant (3B6) 2.0, VW PASSAT Variant (3B6) 2.3 VR5, VW PASSAT (3B3) 2.5 TDI, VW PASSAT (3B3) 1.8 T 20V, VW PASSAT Variant (3B6) 2.5 TDI, VW PASSAT (3B3) 1.8 T, VW PASSAT (3B3) 2.0 TDI, VW PASSAT Variant (3B6) 2.0 TDI

The steps may slightly vary depending on the car design.

REPLACEMENT: STRUT MOUNT – VW PASSAT B5 VARIANT. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #16
- Combination spanner #17
- Drive socket # 13
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Adjustable wrench
- Wheel chock

BUY TOOLS

Replacement: strut mount – VW Passat B5 Variant. AUTODOC experts recommend:

- The replacement procedure is identical for the mounts of the right and left shock absorbers of the rear suspension.
- Both mounts of the rear shock struts should be replaced simultaneously.
- During the installation process, use only new bolts and nuts.
- All work should be done with the engine stopped.

REPLACEMENT: STRUT MOUNT – VW PASSAT B5 VARIANT. RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #17.

3 Raise the rear of the car and secure on supports.

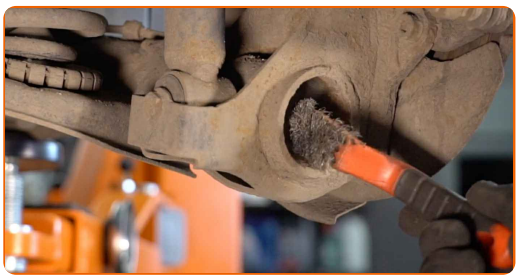
4 Unscrew the wheel bolts.

AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW Passat B5 Variant

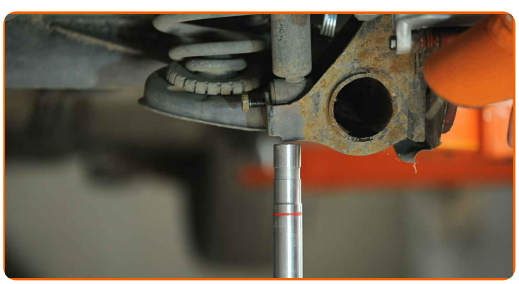
5 Remove the wheel.

6 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



7 Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

8 Secure the rear axle beam. Use a hydraulic transmission jack.



9 Remove the fastening bolt.

10 Lower the hydraulic transmission jack by 10-15 cm.

AUTODOC recommends:

- Replacement: strut mount – VW Passat B5 Variant. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

11 Unscrew the upper fastener of the shock absorber. Use a drive socket #13. Use a ratchet wrench. Use a tap wrench.

12 Remove the shock absorber.

Replacement: strut mount – VW Passat B5 Variant. Tip from AUTODOC:

- To avoid injuries, hold the shock absorber when undoing the fastening bolts.

13 Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.

14 Remove the shock absorber piston rod fastening. Use a drive socket #17. Use a ratchet wrench.

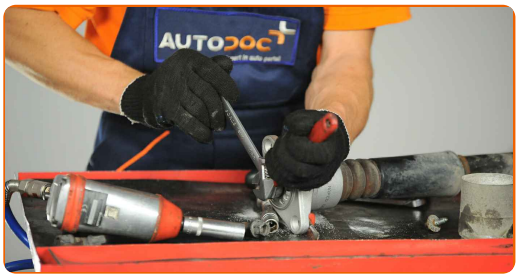
15 Remove the top strut mount.

Replacement: strut mount – VW Passat B5 Variant. Professionals recommend:

- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.

16 Install the upper strut mount and the strut mount bearing.

17 Screw the shock strut piston rod upper fastening. Use a combination spanner #17. Use an adjustable wrench. Use a torque wrench. Tighten it to 25 Nm torque.



18 Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.

19 Place the shock absorber in the wheel arch and secure it.

Replacement: strut mount – VW Passat B5 Variant. Tip:

- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.

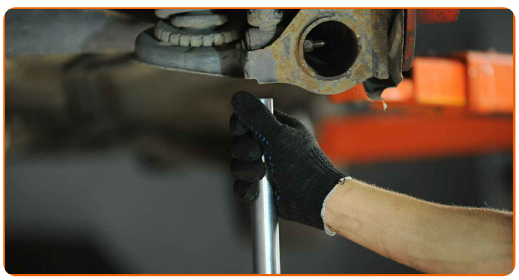
20 Screw the upper fastener of the shock absorber. Use a drive socket #13.

Replacement: strut mount – VW Passat B5 Variant. AUTODOC experts recommend:

- Install the shock absorber mount using the center hole as a guide.

21 Tighten the top shock absorber fastening. Use a drive socket #13. Use a torque wrench. Tighten it to 36 Nm torque.

22 Secure the rear axle beam. Use a hydraulic transmission jack.



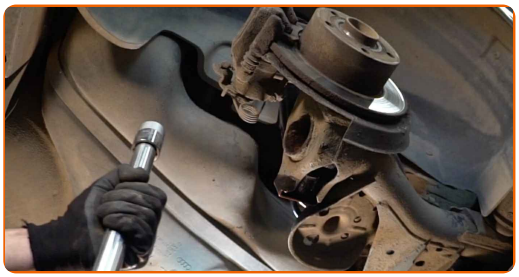
23 Install the fastening bolt.

24 Tighten the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque.+90°

AUTODOC recommends:

- Important! Be sure to use new fasteners.

25 Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- VW Passat B5 Variant – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

26 Treat the shock absorber fasteners. Use copper grease.

27 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

28 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: strut mount – VW Passat B5 Variant. After applying the spray, wait a few minutes.

29 Install the wheel.

Replacement: strut mount – VW Passat B5 Variant. Tip from AUTODOC experts:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

30 Screw in the wheel bolts. Use wheel impact socket #17.

31 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.

32 Remove the jacks and chocks.

WELL DONE!

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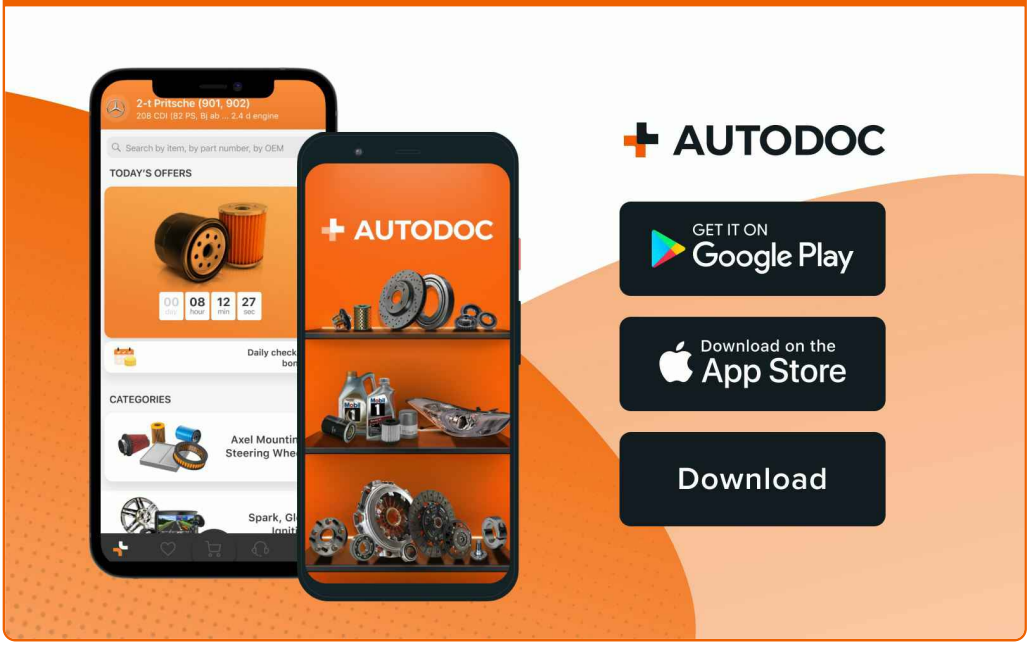

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